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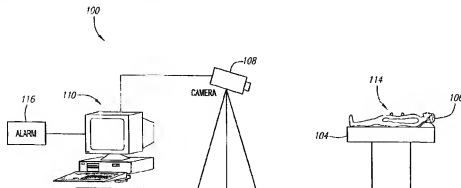
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(54) Title: METHOD AND SYSTEM FOR MONITORING BREATHING ACTIVITY OF A SUBJECT



(57) Abstract: A method and system (110) for monitoring breathing movement of a subject (106) is disclosed. A method and system (110) for detecting and predictably estimating regular cycles of breathing movements is disclosed. Another disclosed aspect of the invention is directed to detect and report irregularity of breathing activity of an infant, such as cessation and non-periodicity, which suggests a likelihood of SIDS.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/36454

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61B 5/08
 US CL : 382/128; 600/536

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 382/100, 107, 128, 130, 278; 600/529, 534, 535, 536

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,895,160 A (REENTS) 23 January 1990 (23.01.1990), see column 6, line 35 through column 7, line 23.	17-21
X	US 4,971,065 A (PEARCE) 20 November 1990 (20.11.1990), see column 8, line 41 through column 10, line 21.	17-21
A	US 5,513,646 A (LEHRMAN et al.) 07 May 1996 (07.05.1996), see the entire document	1-57
A	US 5,993,397 A (BRANSON) 30 November 1999 (30.11.1999), see the entire document.	1-57

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"Z"

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